

OPIS ELEMENTÓW OBSŁUGI WZMACNIACZY MOCY F-2500 (1U)

Dodatek do instrukcji w języku angielskim .

1. PŁYTA CZOŁOWA (str.5)

- A-** otwory do przykręcenia w Rack'u
- B-** włącznik zasilania
- C-** otwory wentylacyjne
- D-** potencjometry do regulacji wzmacnienia
- E-** sygnalizacja włączenia zasilania
- F-** sygnalizacja awarii (przegrzanie, przeciążenie, zwarcie, DC na wyjściu, uszkodzenie stopnia mocy)
- G-** sygnalizacja bliskości przesterowania .

2. PŁYTA TYLNA (str.6)

- A-** AC 100-240V - gniazdo zasilania
- B-** otwory wylotowe wentylacji
- C-** gniazda wyjściowe doysterowania innych wzmacniaczy, symetryczne
- D-** gniazda do podłączenia kolumn głośnikowych
- E-** INPUTS CH A i CH B – gniazda wejściowe, symetryczne
- F-** przełączniki trybu pracy (Stereo-Bridge) oraz czułości wejść.

Dystrybutor:

PPHU ELMUZ & BEYMA PL

26-200 Końskie

UL. Młyńska 11

www.elmuz.com.pl

Front panel diagram

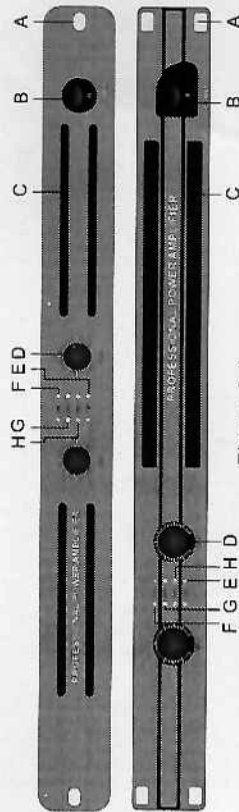


Figure 3.1

A. Rack mounting hole:

This hole is used to install the power amplifier into the professional rack.

B. power switch:

Standby or working state (I is on state, O is off state).

C. Air inlet:

The air flow is from front to back to realize the heat dissipation system of equipment products.

D. Gain regulator:

Two black knob volume controllers independently control the volume gain of a channel.

E. Power LED:

The green LED lights up when the power amplifier is in standby and working states.

F. Led fault:

Red LED, this light is on when the power amplifier is turned on. When the power amplifier works normally, the light goes out.

This red light may also be on when the power amplifier is working under the following conditions:

1. Power amplifier power supply overheating protection
2. Power amplifier power supply overcurrent protection
3. Power amplifier output port short circuit
4. Front stage DC input
5. Power amplifier damaged

G. Clipping led:

Each channel has a yellow LED, The signal distortion of the power amplifier is flickering

Rear panel diagram

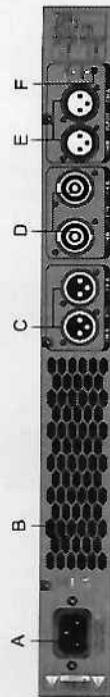


Figure 4.1

A. Power input interface:

Professional matching power cord (original matching) shall be used

B. Cooling outlet:

Realize the forced air convection outlet from front to back

C. Signal output interface:

Realize the signal input interface of another power amplifier in series

D. 4-pole speaker output interface:

These two interfaces (+ 1 and - 1) are used. The interface of channel a can be used in bridge mode Output port of (+ 1, - 2).

E. Signal input interface:

Audio signal input interface

F. Mode change-over switch:

Mode conversion switch: it is used for stereo, parallel and bridge mode conversion

remarks:

BRIDGE
PARALLEL

When the switch is pressed, it is in parallel and bridge mode

STEREO

The switch pops up in stereo mode (and factory mode)

E Series Power Amplifier

Specification parameters

Minimum power guarantee	F-2300	F-2400	F-2500	F-2600
2ohms stereo (per channel)				
4ohms stereo (per channel)	480W	640W	800W	960W
8ohms stereo (per channel)	300W	400W	500W	600W
8ohms bridging	960W	1280W	1600W	1920W
4ohms bridging				
performance index				
Frequency response (1W)	20Hz~20kHz, +0/-1dB			
Total harmonic distortion (THD)	<0.1%, 20Hz~20kHz			
Conversion rate	28V/us			
Drag coefficient (8ohms, 1kHz)	>240			
Signal to noise ratio (20Hz-20KHz, a recording weight)	110dB			
Total harmonic distortion (THD)	<0.1%, 20Hz~20kHz			
Input gain	41dB			
Input impedance	平衡 (balanced) 20k ohms, 非平衡 (unbalanced) 10k ohms			
Linker, control keys and display lights				
Input connector	One balanced XLR per channel			
Output linker (speaker link interface)	1 4-pole spwakon chain interface per channel			
Front panel control keys	Power switch, channel gain control knob			
Rear panel control key	Working mode switch: stereo, parallel connection, bridge connection			
Power indicator	One green LED per channel			
Signal indicator	One green LED per channel			
Clipping indicator	One green LED per channel			
Fault indicator	One red LED for each channel			
Power cord specification	Plug: 15a, 265V / wire: CCC 3 * 2.0 m'			
structure				
protect	Short circuit, DC, radio interference protection circuit			
Vent	Air convection mechanism from front to back			
cooling	Internal air forced exhaust heat dissipation, fan cooling, linear regulation, temperature protection			
Size (width * depth * height)	483mm*230mm*44mm			
Package size (width * depth * height)	550mm*320mm*88mm			
Net weight and gross weight	3.95KG/4.95KG			